

CODE CHANNEL MANAGEMENT IN A WIRELESS COMMUNICATIONS SYSTEM

ABSTRACT

Systems and techniques are disclosed relating to communications. The systems and techniques involve separating a plurality of subscriber stations into first and second groups, a different first code from a plurality of orthogonal codes to each of the subscriber stations in the first group, assigning each of the subscriber stations in the first group either its allocated first code or a first sub-code derived from its allocated first code, to support a dedicated channel, and assigning a second sub-code derived from one of the first codes to support a communications channel to one of the subscriber stations in the second group. A second code may be used to support a dedicated channel to the second subscriber station.